| | |
|---|---|
| **From:** | Heather Mangrum |
| **To:** | "dschnee@g4arch.comm\\ <dschnee"@g4arch.comm; Castro, Maria Miranda (Library) |
| **Cc:** | Sebastian Lopez; agifford@g4arch.com; Sternberg, Brian; hchen@g4arch.com; John Lesak |
| **Subject:** | FW: Santa Ana Public Library - Main Renovation Project |
| **Date:** | Thursday, June 1, 2023 1:45:33 PM |
| **Attachments:** | image005.png |

---

Hi David,

Sorry for the delay. I have been in Italy the past 9 days. Below is my reply to Sebastian's email yesterday regarding the window scope. Please let me know if you have any additional questions.

Thanks,

Heather Mangrum
Materials Conservation Specialist / Project Manager

PAGE&TURNBULL

523 W 6th Street, Suite 1013, Los Angeles, California 90014
213.634.1346 (direct) | 213.221.1200 (main) | 917.747.8417 (mobile)
mangrum@page-turnbull.com | www.page-turnbull.com

---

**From:** Heather Mangrum
**Sent:** Wednesday, May 31, 2023 9:57 AM
**To:** Sebastian Lopez <slopez@g4arch.com>; John Lesak <lesak@page-turnbull.com>
**Cc:** David Schnee <dschnee@g4arch.com>; Andrea Gifford <agifford@g4arch.com>; Hebe Chen <HChen@g4arch.com>
**Subject:** RE: Santa Ana Public Library - Main Renovation Project

Hi Sebastian,

The window scope has been modified slightly since the completion of the DD set. The latest scope is described below:

North windows -

- Remove and salvage existing steel glazing stops
- Remove and discard existing IGU's and joint sealants
- Hand-scrape the surfaces of the existing steel frame to remove loose/peeling paint and material debris
- Removed corrosion and treat surfaces with a corrosion inhibitor
- At localized areas, infill any surfaces losses at framing members with an epoxy based steel putty repair
- Prime all exposed metal surfaces and patches with high quality paint system
- Clean, prepare and repaint salvaged glazing stops, replace with new glazing stops where needed
- Install new tempered IGUs with security film

East and South windows -

- Remove and salvage existing steel glazing stops
- Remove and discard existing glazing, mirrored window film, and joint sealants
- Hand-scrape  the surfaces of the existing steel frame to remove loose/peeling paint and material debris
- Removed corrosion and treat surfaces with a corrosion inhibitor
- At localized areas, infill any surfaces losses at framing members with an epoxy based steel putty repair
- Prime all exposed metal surfaces and patches with high quality paint system
- Clean, prepare and repaint salvaged glazing stops, replace with new glazing stops where needed
- Install new IGUs

West windows – 1990 addition

- Remove and discard existing wired glazing and joint sealants
- Hand-scrape  the surfaces of the existing steel frame to remove loose/peeling paint and material debris
- Removed corrosion and treat surfaces with a corrosion inhibitor
- At localized areas, infill any surfaces losses at framing members with an epoxy based steel putty repair
- Prime all exposed metal surfaces and patches with high quality paint system
- Install new wire framed IGUs

Let me know if any further information is needed.

Thanks,

Heather Mangrum
Materials Conservation Specialist / Project Manager

PAGE&TURNBULL

523 W 6th Street, Suite 1013, Los Angeles, California 90014
213.634.1346 (direct) | 213.221.1200 (main)  | 917.747.8417 (mobile)
mangrum@page-turnbull.com | www.page-turnbull.com